



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CIDECIYAN et al.  
Docket: **HSJ920030152US1**  
(HITG.046PA)



Title: **APPARATUS USING A LENGTHENED EQUALIZATION TARGET FILTER  
WITH A MATCHED FILTER METRIC IN A VITERBI DETECTOR**

**CERTIFICATE UNDER 37 CFR 1.10**

Express Mail' mailing label number: EL 981389945 US

Date of Deposit: October 10, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Kathleen McDevitt  
Name: Kathleen McDevitt

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet containing Certificate under 37 CFR 1.10.
- ☒ Patent Application: Pages Numbered 1-25, with 1pg. Abstract; 32 claims.
- ☒ 6 sheets of formal drawings, having Figures 1-8.
- ☒ An executed Declaration, 8 pages.
- ☒ Assignment of the invention to Hitachi Global Technologies Netherlands B.V., Recordation Form Cover Sheet.
- ☒ An Information Disclosure Statement (2 pages); PTO Form 1449; and references.
- ☒ Please charge Deposit Account No. 50-2587 (HSJ920030152US1) in the total amount of \$1,182.00 for payment of the Filing Fee and \$40.00 for payment of the assignment recordation.
- ☒ Please charge/credit Deposit Account No. 50-02587 (HSJ920030152US1) for any deficiencies/overpayments.
- ☒ 2 Return Postcards

The fees are calculated as follows:

Assignment Recordation Fee = \$40.00

Basic Filing Fee = \$770.00

Fee for total number of claims in excess of 20 =  $\$18 * (32-20) = \$240.00$

Fee for total number of independent claims in excess of 3 =  $\$86 * (5 - 3) = 172.00$

Total filing fee due = \$1,182.00

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